DSR 3700(FTA) / DSR 3800(CI)

DSR 3700: Digital Free To Air Satellite Receiver
DSR 3800: Digital Satellite Receiver with Dual Common Interface Slots

Technical Specifications

SYSTEM CAPABILITY

MPEG-2 Digital & Fully DVB Compliant	

TUNER PART

Modulation	QPSK
FEC	Reed Solomon + Viterbi
Symbol Rate	2~45 MSys/S(SCPC/MCPC)
Convolution Code	1/2, 2/3, 3/4, 5/6, 7/8
Input Frequency	950~2150MHz
LNB Power Control	13V/18V, 22KHz Tone
DiSEqC	1.2 Supported

DESCRAMBLER

Scrambling System	DVB Common Scrambling Algorithm
Embedded Conditional Access System	Viaccess (two slots)
Common interface	$\times$ 2
(Supported Module: Nagravision, Conax, Cryptoworks, Viaccess, Irdeto, Seca)	

SOFTWARE UPDATE

Update software over the air(Astra, Hotbird, Sirius)	

APPLICATION SYSTEM RESOURCES

Main CPU	16bit RISC CPU
FLASH	2Mbyte
SDRAM	8Mbyte

VIDEO DECODER

Decompression	MPEG2: Main Profile @Main Level
Video Transfer Rate	Up to 15Mbit/sec
Picture Resolution	720pixel $\times$576lines
	720pixel $\times$480lines
Aspect Ratio	4 : 3, 16 : 9
	Letter Box, Pan & Scan, Mixed, Full
Decoding Subtitle	Supported
Decoding MPEG Still	Supported
On Screen Display Graphics 16 bit colors	

AUDIO DECODER

Decompression	MPEG 1, Layer 1,2
Sampling Frequency	32, 44.1, 48KHz
Operation Mode	STEREO, DUAL, MONO, JOINT STEREO

RCA CONNECTOR

Output	Video, Audio L/R

RF MODULATOR

Output Level	65~75dB μV
Output	CH3, CH4
System	NTSC
Audio	MIX MONO

SERIAL DATA INTERFACE

Connector	9-pin D-sub Female
Signal	RS232 Specification
Data Transfer Rate	115.2 Kbps Max

GENERAL FEATURE

Full Function Infra-Red Remote Control Unit	
Dimension	351 $\times$ 225 $\times$ 61mm
Full Tuner Loop Through	
Power Supply	AC 120V~
Voltage Frequency	60Hz

OTHER FEATURES

- 9 Favorite lists for TV and Radio each
- Advanced Electronic Program Guide
- Auto update EPG   - Adjustable Time Interval
- S-VHS(Y, C)
- Video Track selected for multi-video programs
- Timer function supported
- SMATV scanning in terms of frequency or symbol rate
- Positioner and DiSEqC switch available at the same time
- Adjustable OSD transparency
- Adjustable timeout for channel information
- NVOD programs supported

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* Design and specifications are subject to change without notice.

Digital Satellite Receiver

DSR 3700/3800

DSR 3700: Digital Free To Air Satellite Receiver
DSR 3800: Digital Satellite Receiver with Dual Common Interface Slots

- MPEG 2 / DVB Compliant
- SCPC / MCPC Receivable
- Multi-language (19 languages) Supported OSD
  (English, German, French, Spanish, Italian, Russian, etc.)
- Quick Scan and Channel Change
- Easy Installation (Scans 32 Satellites at the same time)
- Max. 4000 TV and Radio Channel Capacity
- 7day Electronic Program Guide on Screen
  Program Information
- PiP in Channel List
- Multi-language Subtitles
- Channel Sorting: Favorite List, Provider Name,
  Alphabetical, Transponders
- PIP in channel sorting and EPG
- Parental Lock
- Quick & Easy Antenna Installation
  (SolarSat Antenna Installation Program Embedded)

The silver-gray cabinet gives off a simple and elegant impression.
Auxiliary control of the receiver is made possible via a a set of front panel buttons.
Slim and Digital Look (W × D × H): 351 × 225 × 61mm

Front Panel

1 2   3 4 5

1. Power Key
2. Auxiliary Control key
3. 7 Segment Display
4. Dual CI CAM Slot
5. Infrared Sensor

Rear Panel

9 8   7 6   5 4 3 2   1

1. AC Main   6. AV Out
2. Dish Input   7. S-Video Out
3. Loop   8. ANT. In
4. 0/12V Out   9. RF Out
5. RS 232 Data Port

Software Features

Channel Sorting: Favorites List, Provider name, Alphabetical, Transponder

The Samsung Set-Top Box makes it is possible for the user to select channels through the following ways Favorite List, Alphabetical, Provider name, and Transponder.
Favorite List: Channel Lists by user's favorite channels. (Supports 9 Favorite Lists)
Alphabetical List: Channel Lists by Alphabet order (A→Z)
Provider name: Channel Lists by Program Provider name.
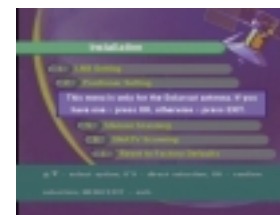Transponder: Channel Lists by frequency.

Advanced Electronic Program Guide

EPG is the function where the user can easily look up program lists by * days in the past and in the present. Samsung Set-Top Box's EPG provides easier and more convenient program list services, because it uses 8 Direct buttons(Hot Keys) of the remote control.
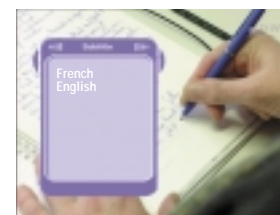Hot Key Function
- Green Key: View lists by going back 1 day at a time up until 1 week ago.
- Yellow Key: View lists by going forward 1 day at a time until next week.
- 1: View lists by 90 minute blocks.
- 2: View lists by 60 minute blocks.
- 3: View lists by 30 minute blocks.
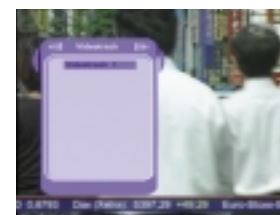- 4: View lists by 15 minute blocks.

Quick and Easy Antenna Installation Program

The Samsung Digital Receiver has been distinguished from other competitors because of the embedded SolarSAT Program. Through the SolarSAT program and antenna along with the Samsung digital satellite receiver, the Installer and end-user can install satellite systems easier and faster than before, saving both time & money.

Multi-language Subtitles

The Samsung Set-Top Box supports Multi-languages for Subtitles and Audio Sound.

Video Track Selection Function

Users can select the video tracks when several are transmitted from the broadcasting station. This convenience allows users to enjoy the visuals they want to see through fluid camera selection.

Remote Control

The ergonomically laid out buttons on the easy-to-handle remote control make it comportable to use.
You don't have to worry about using any unnecessary finger acrobatics here.